

IN THE SPECIFICATION

Please replace the paragraph beginning on page 2, line 29 with the following:

ad One of the devices can resolve the heat-dissipating problem so as to allow immediate response of the metal block to the thermal expansion of the fiber grids. Another device allows rapid positioning and manufacturing. One of the devices allows the fiber grids to be directly secured to a thermal compensating substrate without needing additional pre-processes. During the manufacturing processes, AB (i.e., two component) thermally cured adhesive can be implemented to affix the fiber grids to the device under a thermal state so as to eliminate the implementation of pre-loading. The device can also be placed under a thermal state, after the process of thermal curing, for a pre-determined period of time so as to perform annealing to the fiber grids thereby further simplifying the manufacturing process.

Please replace the paragraph beginning on page 10, line 4 with the following:

as The fiber grids 18' are preferably to be affixed to metal blocks by means of instant cured adhesive while the fiber grids 18' are under tension. The optical fiber 16' may alternatively be first adhered to the metal blocks 14', 142' using AB thermally cured adhesive, and then cured to the metal blocks 14', 142' under a thermal state — such as at a temperature of 100°C. The device may further be placed under a thermal ~~date~~ state, after the process of thermal curing, for a pre-determined period of time so as to perform annealing to the fiber grids 18' thereby further simplifying the manufacturing process

Please replace the paragraph beginning on page 11, line 1 with the following:

a3 When the device experiences thermal effects, such as increment in environmental temperature, the entire device 10" will expand. Because the quartz substrate 12" has a thermal expansion coefficient that is much smaller than the thermal expansion coefficient of the metal block 14" and the compensating block 19", ~~142"~~ the expansion effect of the quartz substrate 12" can, thus, be neglected.

Please replace the paragraph beginning on page 13, line 26 with the following:

a4 The optical fiber ~~grids 68 are~~ 66 is preferably to be affixed to the substrate by means of instant cured adhesive while the optical fiber ~~grids 68 are~~ 66 is are under tension.